

DEPARTMENT OF SOCIAL SERVICES

744 P Street, Sacramento, CA 95814

(916) 445-3039



April 7, 1987

ALL-COUNTY INFORMATION NOTICE NO. 1-25-87

TO: ALL COUNTY WELFARE DIRECTORS

SUBJECT: HEARING IMPAIRED POPULATION INFORMATION

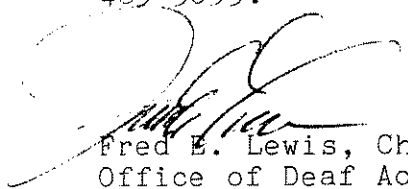
The Office of Deaf Access has compiled the attached demographic data on the hearing impaired population by California counties for use by your staff in planning services to this portion of the population.

In 1981, the California Department of Rehabilitation, with assistance from a private research firm, studied the hearing impaired population in California by county, as well as other categories. This study resulted in a report entitled "DEAF PEOPLE IN CALIFORNIA: DEMOGRAPHICS AND COMMUNICATION NEEDS", by Marcus T. Delk, Jr. and Jerome D. Schein, Ph.D., published in May 1983. These two individuals are noted as respected national researchers in the field of deafness. Beginning with the data contained in this report, adjustments were made using the annual percentage increases in the California general population, as reported by the Department of Social Services, Statistical Services Bureau.

Please bear in mind the attached data represents only an estimated projection regarding the hearing impaired population in California. As such, this data has not been verified with actual figures because no actual figures exist. Nevertheless, comparisons of certain aspects of this data with what little data does exist, indicates the attached data is weighted to the conservative side.

In 1990, the U.S. Census will include additional data collection items concerning the hearing impaired population in California. When this data becomes available, we will proceed with any necessary corrections and forward copies to you at that time. Until then, the attached data represents the only generally accepted information concerning the hearing impaired population in California. It is our intention to provide you with annual updates to this information in the future.

We hope you will find this information useful. If you or your staff have any questions or comments, please call Patti Powell, Assistant to the Chief, at (916) 445-3039 (Voice or TDD), or ATSS 485-3039.



Fred E. Lewis, Chief
Office of Deaf Access

Attachments

cc: CWDA

CALIFORNIA DEPARTMENT OF SOCIAL SERVICES
OFFICE OF DEAF ACCESS

Prevalence of Hearing Impairment in the Civilian
Noninstitutionalized Population, by Degree, for the
State and Counties: California, as of December 31, 1986*

Political Division	Total of All Hearing Impairments	Unilateral Hearing Impairment	Bilateral Hearing Impairments		
			Subtotal	Mild- Moderate	Severe- Profound
The State	1,790,988	860,669	930,319	680,782	249,537
COUNTIES					
Alameda.....	83,615	40,193	43,422	31,793	11,629
Alpine.....	93	45	48	35	13
Amador.....	1,432	689	743	544	199
Butte.....	10,922	5,250	5,672	4,153	1,519
Calaveras.....	1,611	775	836	612	224
Colusa.....	894	429	465	341	124
Contra Costa...	49,774	23,927	25,847	18,925	6,922
Del Norte.....	1,434	689	745	545	200
El Dorado.....	6,446	3,099	3,347	2,450	897
Fresno.....	39,033	18,763	20,270	14,841	5,429
Glenn.....	1,611	775	836	612	224
Humboldt.....	8,236	3,959	4,277	3,131	1,146
Imperial.....	6,983	3,357	3,626	2,655	971
Inyo.....	1,433	688	745	545	200
Kern.....	30,437	14,631	15,806	11,574	4,232
Kings.....	5,550	2,668	2,882	2,110	772
Lake.....	2,684	1,290	1,394	1,021	373
Lassen.....	1,611	775	836	612	224
Los Angeles....	565,274	271,474	293,800	214,731	79,069
Madera.....	4,835	2,324	2,511	1,838	673
Marin.....	16,830	8,090	8,740	6,400	2,340
Mariposa.....	894	429	465	341	124
Mendocino.....	5,012	2,409	2,603	1,906	697
Merced.....	10,205	4,906	5,299	3,880	1,419
Modoc.....	716	344	372	272	100
Mono.....	716	344	372	272	100
Monterey.....	22,023	10,586	11,437	8,374	3,063
Napa.....	7,520	3,615	3,905	2,859	1,046
Nevada.....	3,939	1,894	2,045	1,498	547
Orange.....	146,101	70,230	75,871	55,552	20,319
Placer.....	8,953	4,303	4,650	3,405	1,245
Plumas.....	1,253	602	651	476	175
Riverside.....	50,311	24,185	26,126	19,129	6,997
Sacramento.....	59,264	28,488	30,776	22,534	8,242
San Benito.....	1,970	947	1,023	749	274

Political Division	Bilateral Hearing Impairments				
	Total of All Hearing Impairments	Unilateral Hearing Impairment	Subtotal	Mild- Moderate	Severe- Profound
San Bernardino.	67,501	32,447	35,054	25,666	9,388
San Diego.....	140,910	67,735	73,175	53,578	19,597
San Francisco..	51,387	24,702	26,685	19,539	7,146
San Joaquin....	26,499	12,738	13,761	10,076	3,685
San Luis Obispo	11,818	5,680	6,138	4,494	1,644
San Mateo.....	44,582	21,430	23,152	16,952	6,200
Santa Barbara..	22,560	10,845	11,715	8,578	3,137
Santa Clara....	97,938	47,078	50,860	37,239	13,621
Santa Cruz.....	14,145	6,799	7,346	5,378	1,968
Shasta.....	8,774	4,217	4,557	3,337	1,220
Sierra.....	235	112	123	89	34
Siskiyou.....	3,222	1,549	1,673	1,225	448
Solano.....	17,725	8,521	9,204	6,739	2,465
Sonoma.....	22,738	10,930	11,808	8,645	3,163
Stanislaus.....	20,053	9,640	10,413	7,625	2,788
Sutter.....	3,939	1,894	2,045	1,498	547
Tehama.....	2,865	1,377	1,488	1,090	398
Trinity.....	894	429	465	341	124
Tulare.....	18,620	8,950	9,670	7,080	2,590
Tuolumne.....	2,507	1,205	1,302	953	349
Ventura.....	40,107	19,280	20,827	15,249	5,578
Yolo.....	8,594	4,132	4,462	3,267	1,195
Yuba.....	3,760	1,807	1,953	1,429	524

*Based on Schein and Delk Study for Dept. of Rehabilitation and adjusted for increases in the California general population (Source: Statistical Services Bureau of the Department of Social Services.

CALIFORNIA DEPARTMENT OF SOCIAL SERVICES
OFFICE OF DEAF ACCESS

Frequency and Percent Distribution of Selected Demographic
Characteristics of the Noninstitutionalized
Hearing-Impaired Population: California, 1986

Demographic Characteristics	Frequency	Percent
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Sex		
TOTAL	1,790,988	100.0
Male.....	1,049,519	58.6
Female.....	741,469	41.4
Race		
TOTAL	1,790,988	100.0
White.....	1,409,508	78.7
Hispanic*.....	250,738	14.0
Black.....	82,385	4.6
Other.....	48,357	2.7
Age (in years)		
TOTAL	1,790,988	100.0
Under 6.....	28,656	1.6
6-16.....	94,922	5.3
17-24.....	77,012	4.3
25-34.....	164,771	9.2
35-44.....	168,354	9.4
45-54.....	268,648	15.0
55-64.....	309,841	17.3
65 and over.....	678,784	37.9
Marital Status		
TOTAL	1,790,988	100.0
Under 17 years of age..	123,578	6.9
Married.....	1,071,011	59.8
Widowed.....	282,976	15.8
Never Married.....	145,070	8.1
Divorced.....	127,160	7.1
Separated.....	41,193	2.3

*This figure includes persons of Spanish origin. Persons of
Spanish origin may be of any race.

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Frequency and Percent Distribution of Selected Demographic
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Demographic		
Characteristics	Frequency	Percent
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Education		
TOTAL	1,790,988	100.0
Under 17 years of age..	123,578	6.9
None.....	12,537	0.7
1-8 years.....	349,243	19.5
9-11 years.....	231,037	12.9
12 years.....	488,940	27.3
13-15 years.....	274,021	15.3
16+ years.....	268,648	15.0
Unknown.....	42,984	2.4
Family Income (in dollars)		
TOTAL	1,790,988	100.0
Under 3,000.....	105,668	5.9
3,000-4,999.....	227,455	12.7
5,000-6,999.....	193,427	10.8
7,000-9,999.....	188,054	10.5
10,000-14,999.....	270,439	15.1
15,000-24,999.....	334,915	18.7
25,000 and over.....	297,304	16.6
Unknown.....	173,726	9.7
Living Arrangements		
TOTAL	1,790,988	100.0
Alone.....	334,915	18.7
With nonrelatives.....	62,684	3.5
With spouse.....	1,060,265	59.2
With other relatives...	333,124	18.6
Usual Activity		
TOTAL	1,790,988	100.0
Under 6 years of age...	28,656	1.6
Working.....	691,321	38.6
Keeping house (females)	411,927	23.0
Retired (health).....	155,816	8.7
Going to school.....	116,414	6.5
Something else.....	85,968	4.8
Unknown.....	1,791	0.1
Retired (other).....	299,095	16.7
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Demographic Characteristics	Frequency	Percent
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Class of Worker		
TOTAL	1,790,988	100.0
Private paid.....	463,866	25.9
Federal gov't.....	34,029	1.9
State gov't.....	21,492	1.2
Local gov't.....	84,176	4.7
Incorporated business..	23,283	1.3
Self-employed.....	94,922	5.3
Without pay.....	1,791	0.1
Not in labor force.....	1,062,056	59.3
Unknown.....	5,373	0.3
Occupation		
TOTAL	1,790,988	100.0
Professional and technical.....	162,980	9.1
Nonfarm manager and administrator.....	98,504	5.5
Sales.....	55,521	3.1
Clerical.....	82,385	4.6
Craftsman.....	119,996	6.7
Operatives, nontransit.	73,430	4.1
Operatives, transit....	30,447	1.7
Laborers, nonfarm.....	21,492	1.2
Farmers and farm managers.....	10,746	0.6
Laborers, farm.....	8,955	0.5
Service workers.....	53,730	3.0
Private household workers.....	1,791	0.1
Unknown.....	8,955	0.5
Not in labor force.....	1,062,056	59.3
Limitation of Activity		
TOTAL	1,790,988	100.0
Cannot perform usual activity.....	293,722	16.4
Can perform usual activity, but limited in amount and kind...	281,185	15.7
Can perform usual activity, but limited in outside activity..	184,472	10.3
Not limited.....	1,031,609	57.6

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Demographic Characteristics	Frequency	Percent
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Health Status		
TOTAL	1,790,988	100.0
Excellent.....	612,518	34.2
Good.....	684,157	38.2
Fair.....	329,542	18.4
Poor.....	146,861	8.2
Unknown.....	17,910	1.0
Use of Hearing Aid		
TOTAL	1,790,988	100.0
Use now.....	218,500	12.2
Formerly.....	109,250	6.1
Never used.....	1,395,180	77.9
Not reported.....	68,058	3.8

Source: National Health Survey, 1977;
Deaf People in California: Demographics and Communication
Needs, Delk and Schein, May 1983, Department of
Rehabilitation; General population increases courtesy of
Department of Social Services, Statistical Services
Bureau; extrapolated to December 31, 1986.